

ABSTRACT OF THE DISCLOSURE

The invention provides a fiber plate formed by
arranging in mutually adjacent manner plural individual
fiber plates of a same thickness so as to provide a
5 light guiding plane larger in area than the light
guiding plane of the individual one fiber plate, and a
radiation image pickup apparatus utilizing such fiber
plate, in which:

each of the plural individual fiber plates is
10 composed of a group of optical fibers having mutually
parallel axes, and

lateral faces of the plural individual fiber
plates are mutually so bonded that the axes of the
optical fibers thereof become mutually parallel.

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